

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Air supply device for obtaining zones of clean air in premises, said air supply device (1) comprising at least one air permeable body (11) including at least one inner and at least one outer part (12, 13) of which the inner part (12) consists of or includes porous material, wherein:

~~wherein~~ at least one fan device (22) is provided to bring air (A), which is to be supplied to the premises (2), to flow through the air permeable body (11) at low air velocity,

~~wherein~~ at least one device (23) is provided to see to that the air (A) supplied to the premises (2) has a lower temperature than the air in said premises (2), ~~and~~

~~wherein~~ the air permeable body (11), in cross section, has the shape of parts of a circle or substantially a circle or primarily parts of a circle or substantially a circle, and

~~characterized in~~

the combination that the inner part (12) consists of or includes porous material and the outer part (13) has passages (16) which are substantially rectilinear, substantially uniform in thickness and located close to each other, said passages (16) further having a length (L) which is at least four times greater than their width (B) in order to generate rectilinear and uniformly distributed partial air streams (6a) for making a turbulent zone (7a) around the clean-air zone (7) more narrow so that the turbulence around the clean-air zone (7) hereby becomes less.

Claim 2 (Currently Amended): Air supply device according to claim 1, ~~characterized in that~~ wherein the length (L) of each passage (16) is 4-10 times greater than their width (B).

Claim 3 (Currently Amended): Air supply device according to claim 2, ~~characterized in that~~ wherein the length (L) of each passage (16) is 4-6 times greater than their width (B).

Claim 4 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in~~ claim 1, wherein:

~~that~~ the passages (16) have a circular or substantially circular cross section, and

~~that~~ they have the same or substantially the same diameter along their entire length (L).

Claim 5 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein all or almost all passages (16) are of equal length.

Claim 6 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the passages (16) are defined by tubes (17) which are located close to each other and connected to each other.

Claim 7 (Currently Amended): Air supply device according to claim 6, ~~characterized in that~~ wherein the tubes (17) are made of a plastic material.

Claim 8 (Currently Amended): Air supply device according to claim 6, ~~characterized in that~~ wherein the tubes (17) are made of a metallic material.

Claim 9 (Currently Amended): Air supply device according to claim 6, ~~characterized in that~~ wherein the tubes (17) are made of a ceramic material.

Claim 10 (Currently Amended): Air supply device according to ~~any of claims 6-8, characterized in that~~ claim 6, wherein the tubes (17) are interconnected by fusing.

Claim 11 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the porous material (14) of the inner part (12) is designed to permit filtration of air flowing through said porous material in order to obtain a low content of particles in the premises (2).

Claim 12 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the porous material (14) of the inner part (12) consists of foamed plastic with open cells.

Claim 13 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the outer part (13) is thicker than the inner part (12).

Claim 14 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the outer part (13) consists of a heat resistant material.

Claim 15 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the inner and outer parts (12, 13) are connected to each other.

Claim 16 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the body (11) is in cross section shaped as a semicircle or substantially as a semicircle.

Claim 17 (Currently Amended): Air supply device according to ~~any of claims 1-15, characterized in that~~ claim 1, wherein the air permeable body (11) is in cross section shaped as a quarter of a circle or substantially as a quarter of a circle.

Claim 18 (Currently Amended): Air supply device according to ~~any of claims 1-15, characterized in that~~ claim 1, wherein the air permeable body (11) is shaped as a spherical segment or as a substantially spherical segment.

Claim 19 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the device (23) which is provided to see to that the air (A) supplied to the premises (2) has a lower temperature than the air in said premises (2), is provided to supply air at such temperature that said air descends to a low level in the premises (2).

Claim 20 (Currently Amended): Air supply device according to ~~any preceding claim~~ claim 1, wherein:

~~wherein~~ impure air is gathered in an upper zone (18) closest to the ceiling (9) of the premises (2), ~~and~~

~~wherein~~ at least one air outlet (19) for impure air is provided at the ceiling (9) of the premises (2), and

~~characterized in~~

~~that~~ the air permeable body (11) is located beneath the upper zone (18) such that substantially no impure air is coejected out of the upper zone (18) by the air streams (6) discharged by the air permeable body (11).

Claim 21 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the air permeable body (11) is located above a door (20) to the premises (2) and it is elongated and extends along at least a part of the width of the door (20).

Claim 22 (Currently Amended): Air supply device according to ~~any preceding claim, characterized in that~~ claim 1, wherein the device (23) which is provided to see to that the air (A) supplied to the premises (2) has a lower temperature than the air in said premises (2), is a device for taking in cool air and/or includes a cooling device or is a cooling device for cooling air.